

**SEED**

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July 1, 2002

JUL 02 2002

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Patent Attorney  
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GROUP 1600

**Facsimile Transmission**20 pages including this page

**TO: EXAMINER: S. Devi**  
**ART UNIT: 1645**  
**Fax No.: 1-703-308-4242**

**RE: U.S. Patent Application No. 09/151,409**  
**GROUP A STREPTOCOCCAL VACCINES**  
**Attorney Docket No.: 481112.410**

☐ Urgent ☐ For Review ☒ Please Confirm Receipt ☐ Please Reply ASAP

**Comments:**

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**EXAMINER: S. Devi**  
**ART UNIT: 1645**

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JUL 1 2002

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE


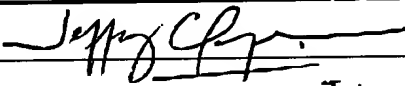
Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  <i>(To be used for all correspondence after initial filing)</i>	Application Number	09/151,409
	Filing Date	September 10, 1998
	First Named Inventor	James B. Dale
	Group Art Unit	1645
	Examiner Name	S. Devi, Ph.D.
	Attorney Docket No.	481112.410

**ENCLOSURES (check all that apply)**

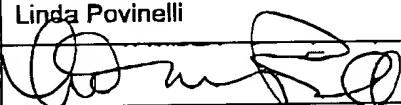
<input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> <b>Supplemental Amendment</b> <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> <b>Extension of Time Request</b> <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____
<b>Remarks</b> _____ _____ _____		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Individual Name	Jeffrey C. Pepe, Ph.D. Reg. No. 46,985	 <b>00500</b> PATENT TRADEMARK OFFICE
Signature		
Date	01-July-2002	

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted via facsimile to Examiner S. Devi at the United States Postal Service at facsimile number 703-308-4242 on the date specified below.

Typed or printed name	Linda Povinelli	
Signature		Date: July 1, 2002

PTO/SB/17 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT (\$)** 55.00**Complete if Known**

Application Number	09/151,409
Filing Date	September 10, 1998
First Named Inventor	James B. Dale
Examiner Name	1645
Group Art Unit	S. Devi, Ph.D.
Attorney Docket No.	481112.410

**METHOD OF PAYMENT**

☐ Payment Enclosed:  
☐ Check ☐ Credit card ☐ Money Order ☐ Other

☐ Deposit Account:  
 Deposit Account Number: 19-1090  
 Deposit Account Name: Seed Intellectual Property Law Group PLLC

The Commissioner is authorized to (check all that apply)  
☒ Charge fee(s) indicated below  
☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any deficiencies  
 to the above-identified deposit account.

☒ Applicant claims small entity status. See 37 CFR 1.27.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	180	214	90	Provisional filing fee	
SUBTOTAL (1)					(\$)

**2. EXTRA CLAIM FEES**

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims							
Multiple Dependent							

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	Reissue independent claims over original patent	
110	18	210	9	Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	55
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
126	1,960	226	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional application	
125	180	125	180	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

55

**SUBMITTED BY**

Name (Print/Type)	Jeffrey C. Pepe, Ph.D.	Registration No.	46,985
Firm Name/Address			
Signature	<i>Jeffrey C. Pepe</i>	Date	01-July-2002



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